WHAT IS CLAIMED IS:

1. A method for preparing LXR ligands on a solid support, said method comprising:

(a) attaching an aniline derivative to said solid support to provide a support-bound aniline derivative;

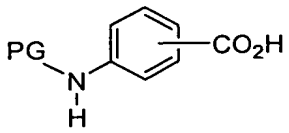
(b) contacting said support-bound aniline derivative with an aldehyde or ketone under reductively aminating conditions to provide a support-bound substituted aniline derivative; and

(c) contacting said support-bound substituted aniline derivative with an acylating agent to provide an LXR ligand on said solid support.

2. A method in accordance with claim **1**, further comprising:

(d) removing said LXR ligand from said solid support.

3. A method in accordance with claim **1**, wherein said aniline derivative has the formula:



wherein PG is a protecting group, and said method further comprises a step between steps (a) and (b) of removing said protecting group.

4. A method in accordance with claim **1**, wherein said aldehyde or ketone of step (b) is selected from the group consisting of an optionally substituted (C_1-C_8)alkyl aldehyde and an optionally substituted dialkylketone.

5. A method in accordance with claim **1**, wherein said aldehyde or ketone of step (b) is selected from the group consisting of optionally substituted aryl aldehyde and a ketone having the formula R^3-C(O)-R^4

wherein R^3 and R^4 are members each independently selected form the group consisting of optionally substituted aryl, optionally substituted heteroaryl, optionally substituted arylalkyl, optionally substituted heteroarylalkyl and optionally substituted alkyl.

6. A method in accordance with claim **1**, wherein said acylating agent has the formula:

$$R^1\text{-}Y$$

wherein

R^1 is a member selected from the group consisting of optionally substituted (C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl; and

Y is a member selected from the group consisting of a carboxylic acid, a carboxylate ester, a carboxylic acid chloride and other activated forms of carboxylic acids.

7. A method in accordance with claim **1**, wherein said solid support is selected from the group consisting of 4-(bromomethyl)phenoxymethyl polystyrene, Merrifield resin, Rink amide resin and Sieber resin.

8. A method in accordance with claim **4**, wherein said acylating agent has the formula:

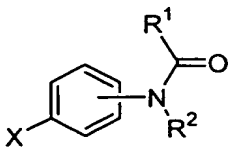
$$R^1\text{-}Y$$

wherein

R^1 is a member selected from the group consisting of optionally substituted (C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl; and

Y is a member selected from the group consisting of a carboxylic acid, a carboxylate ester, a carboxylic acid chloride and other activated forms of carboxylic acids.

9. A method in accordance with claim **2**, wherein said LXR ligands have the formula:



wherein

R^1 is a member selected from the group consisting of optionally substituted (C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl;

R^2 is a member selected from the group consisting of optionally substituted (C_1-C_8)alkyl, optionally substituted aryl, optionally substituted heteroaryl, optionally substituted arylalkyl and optionally substituted heteroarylalkyl; and

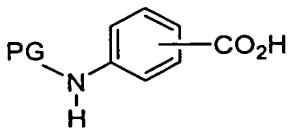
X is a member selected from the group consisting of $-CO_2R^{11}$, $-CH_2OR^{11}$, $-C(O)R^{11}$, $-C(O)NR^{11}R^{12}$ and $-CH_2NR^{11}R^{12}$, wherein R^{11} and R^{12} are each members independently selected from the group consisting of hydrogen and optionally substituted (C_1-C_8)alkyl.

10. A method in accordance with claim 9, wherein

R^1 is a member selected from the group consisting of optionally substituted optionally substituted tricyclo[3.3.1.1^{3,7}]decanyl, optionally substituted bicyclo[3.2.1]octanyl, optionally substituted bicyclo[5.2.0]nonanyl, bicyclo[4.3.2]undecanyl, optionally substituted tricyclo[2.2.1.0^{1}]heptanyl, tricyclo[5.3.1.1^{1}]dodecanyl, optionally substituted tricyclo[5.4.0.0^{2,9}]undecanyl, optionally substituted tricyclo[5.3.2.0^{4,9}]dodecanyl, optionally substituted tricyclo[4.4.1.1^{1,5}]dodecanyl and optionally substituted tricyclo[5.5.1.0^{3,11}]tridecanyl group.

11. A method in accordance with claim 9, wherein R^1 is a substituted or unsubstituted adamantyl group.

12. A method in accordance with claim 1, wherein said solid support is selected from the group consisting of a 4-(bromomethyl)phenoxymethyl polystyrene and Merrifield resin; said aniline derivative has the formula:



wherein PG is a protecting group, and said method further comprises a step between steps (a) and (b) of removing said protecting group; said aldehyde or ketone of step (b) is selected from the group consisting of a optionally substituted (C_1-C_5)alkyl aldehyde or ketone; and said acylating agent of step (c) has the formula:

$$R^1\text{-}Y$$

wherein

R^1 is a member selected from the group consisting of optionally substituted(C_8-C_{18})bicycloalkyl, optionally substituted(C_8-C_{18})tricycloalkyl, optionally substituted(C_8-C_{18})heterobicycloalkyl and optionally substituted(C_8-C_{18})heterotricycloalkyl; and

Y is a member selected from the group consisting of a carboxylic acid, a carboxylate ester, a carboxylic acid chloride and other activated forms of carboxylic acids.

13. A method for preparing LXR ligands on a solid support, said method comprising:

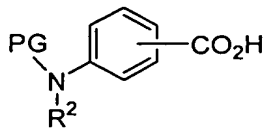
(a) attaching a substituted aniline derivative to said solid support to provide a support-bound substituted aniline derivative; and

(b) contacting said support-bound substituted aniline derivative with an acylating agent to provide an LXR ligand on a solid support.

14. A method in accordance with claim **13**, further comprising:

(c) removing said LXR ligand from said solid support.

15. A method in accordance with claim **13**, wherein said substituted aniline derivative has the formula:



wherein

PG is a protecting group;

R^2 is a member selected from the group consisting of optionally substituted(C_1-C_8)alkyl, optionally substituted aryl and optionally substituted heteroaryl; and

said method further comprises a step between steps (a) and (b) of removing said protecting group.

16. A method in accordance with claim 13, wherein said acylating agent has the formula:

$$R^1\text{-}Y$$

wherein

R^1 is a member selected from the group consisting of optionally substituted(C_8-C_{18})bicycloalkyl, optionally substituted(C_8-C_{18})tricycloalkyl, optionally substituted(C_8-C_{18})heterobicycloalkyl and optionally substituted(C_8-C_{18})heterotricycloalkyl; and

Y is a member selected from the group consisting of carboxylic acid, carboxylate ester, carboxylic acid chloride and activated forms of carboxylic acids.

17. A method in accordance with claim 13, wherein said solid support is selected from the group consisting of a 4-(bromomethyl)phenoxymethyl polystyrene, Merrifield resin, Rink amide resin and Sieber resin.

18. A method in accordance with claim 15, wherein said acylating agent has the formula:

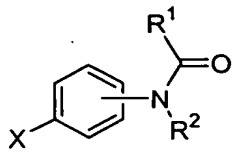
$$R^1\text{-}Y$$

wherein

R^1 is a member selected from the group consisting of optionally substituted (C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl; and

Y is a member selected from the group consisting of a carboxylic acid, a carboxylate ester, a carboxylic acid chloride and other activated forms of carboxylic acids.

19. A method in accordance with claim 14, wherein said LXR ligands have the formula:



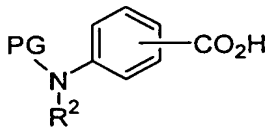
wherein

R^1 is a member selected from the group consisting of optionally substituted(C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl;

R^2 is a member selected from the group consisting of optionally substituted (C_1-C_8)alkyl, optionally substituted aryl and optionally substituted heteroaryl; and

X is a member selected from the group consisting of $-CO_2R^{11}$, $-CH_2OR^{11}$, $-C(O)R^{11}$, $-C(O)NR^{11}R^{12}$ and $-CH_2NR^{11}R^{12}$, wherein R^{11} and R^{12} are each members independently selected from the group consisting of hydrogen and optionally substituted (C_1-C_8)alkyl.

20. A method in accordance with claim **13**, wherein said substituted aniline derivative has the formula:



wherein

PG is a protecting group;

R^2 is a member selected from the group consisting of optionally substituted (C_1-C_8)alkyl, optionally substituted aryl and optionally substituted heteroaryl; and

said method further comprises a step between step (a) and (b) of removing said protecting group; and said acylating agent has the formula:

$$R^1\text{-}Y$$

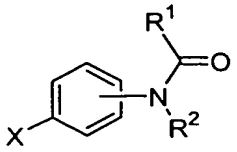
wherein

R^1 is a member selected from the group consisting of optionally substituted (C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally

substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl; and

Y is a member selected from the group consisting of carboxylic acid, carboxylate ester, carboxylic acid chloride and activated forms of carboxylic acids.

21. A combinatorial library comprising compounds of the formula



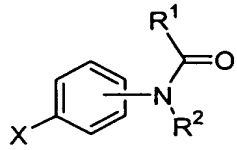
wherein

R^1 is a member selected from the group consisting of optionally substituted(C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl;

R^2 is a member selected from the group consisting of optionally substituted (C_1-C_8)alkyl, optionally substituted aryl and optionally substituted heteroaryl; and

X is a member selected from the group consisting of $-CO_2R^{11}$, $-CH_2OR^{11}$, $-C(O)R^{11}$, $-C(O)NR^{11}R^{12}$ and $-CH_2NR^{11}R^{12}$, wherein R^{11} and R^{12} are each members independently selected from the group consisting of a solid support, hydrogen and optionally substituted (C_1-C_8)alkyl.

22. A method for synthesizing a combinatorial library comprising compounds of the formula:



wherein

R^1 is a member selected from the group consisting of optionally substituted(C_8-C_{18})bicycloalkyl, optionally substituted (C_8-C_{18})tricycloalkyl, optionally substituted (C_8-C_{18})heterobicycloalkyl and optionally substituted (C_8-C_{18})heterotricycloalkyl;

R^2 is a member selected from the group consisting of optionally substituted (C_1-C_8)alkyl, optionally substituted aryl and optionally substituted heteroaryl; and

X is a member selected from the group consisting of $-CO_2R^{11}$, $-CH_2OR^{11}$, $-C(O)R^{11}$, $-C(O)NR^{11}R^{12}$ and $-CH_2NR^{11}R^{12}$, wherein R^{11} and R^{12} are each members independently selected from the group consisting of hydrogen and optionally substituted (C_1-C_8)alkyl; said method comprising:

(a) attaching an aniline derivative to a solid support to provide a support-bound aniline derivative;

(b) contacting said support-bound aniline derivative with an aldehyde or ketone under reductively aminating conditions to provide a support-bound substituted aniline derivative; and

(c) contacting said support-bound substituted aniline derivative with an acylating agent to provide an LXR ligand on said solid support.